

Appn. No. 10/040,143
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IN THE CLAIMS:

1. (Currently amended) A medical electrical lead connector arrangement, comprising:

a non-cylindrically shaped connector pin coupled to a lead conductor and including a tip having a threaded surface for coupling with a threaded pull wire; and

a connector sleeve assembly adapted to receive the non-cylindrically shaped connector pin into a first end of a bore of the assembly, the connector sleeve assembly including a pull wire insertion site positioned in proximity to a second end of the assembly bore and an insert with mounted within the assembly bore and having an axial bore formed therein that complements the shape of the connector pin;

wherein the connector assembly is adapted to couple the lead connector pin to an implantable medical device when the pin is received within the insert of the connector assembly.

2. (Original) The lead connector arrangement of claim 1, wherein the non-cylindrically shaped connector pin comprises at least one planar surface.

3. (Original) The lead connector arrangement of claim 1, wherein the non-cylindrically shaped connector pin comprises a polygonal shaped connector pin.

4. (Original) The lead connector arrangement of claim 3, wherein the polygonal shaped connector pin comprises at least one of a triangular, square, rectangular, and hexagonal shaped connector pin.

5. --26. Cancelled

27. (New) The lead connector arrangement of claim 1, wherein the threaded surface of the connector pin tip is formed within a recess of the tip.

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28. (New) The lead connector arrangement of claim 1, wherein the connector assembly conforms to at least two types of medical device industry connector standards.

29. (New) A medical electrical lead, comprising:

an elongate conductor extending within an insulative sheath and being slidably engaged therein;

a connector pin coupled to the conductor, slideably engaged within the sheath and including a tip having a threaded surface for engaging a threaded wire; and

a retraction stop mechanism formed between the conductor and the insulative sheath being adapted to inhibit rotation of the connector pin when the pull wire is disengaged from the threaded recess.